

ABSTRACT

5

"DIMMING CONTROL TECHNIQUES
USING SELF-EXCITED GATE CIRCUITS"

There is described methods and techniques for providing dimming control of low-cost fluorescent lamps that are driven by self-excited gate circuits and which are nominally non-dimmable. A dimming function is achieved by providing a variable DC 10 voltage input to the ballast. It is possible to retroactively change existing non-dimmable lamps into dimmable lamps, or to form new low-cost dimmable fluorescent lamps.